

# Freight Rail Investing In Virginia

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#### Transportation and Economy

- Basic Facts:
  - Strong economy
  - Things are moving
  - Highways are congested
  - Fuel is going up
  - Rail service has improved and is truck competitive
- Bottom Line:
  - We are open for business

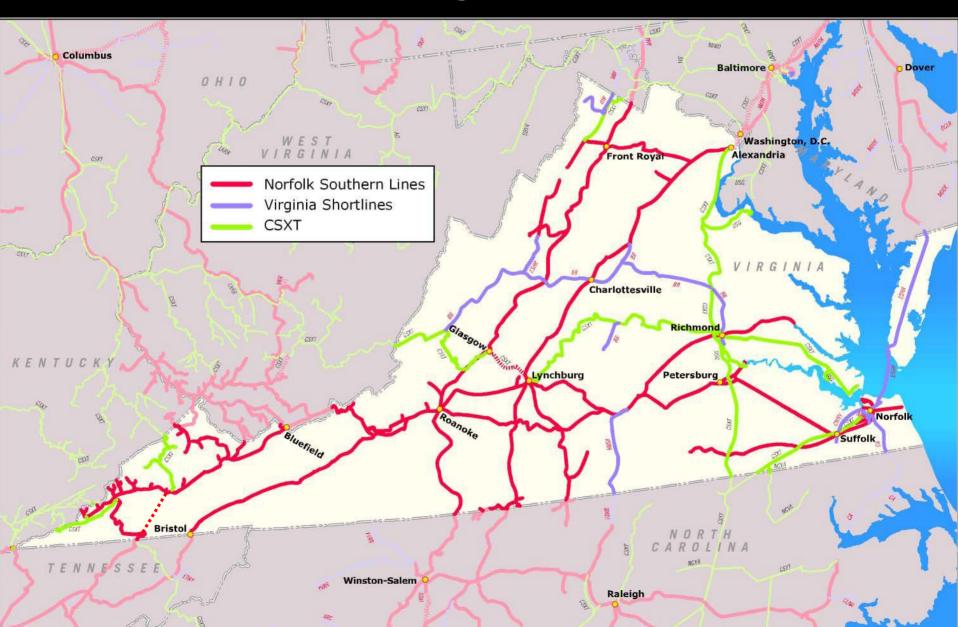
#### **CSXT System Map**



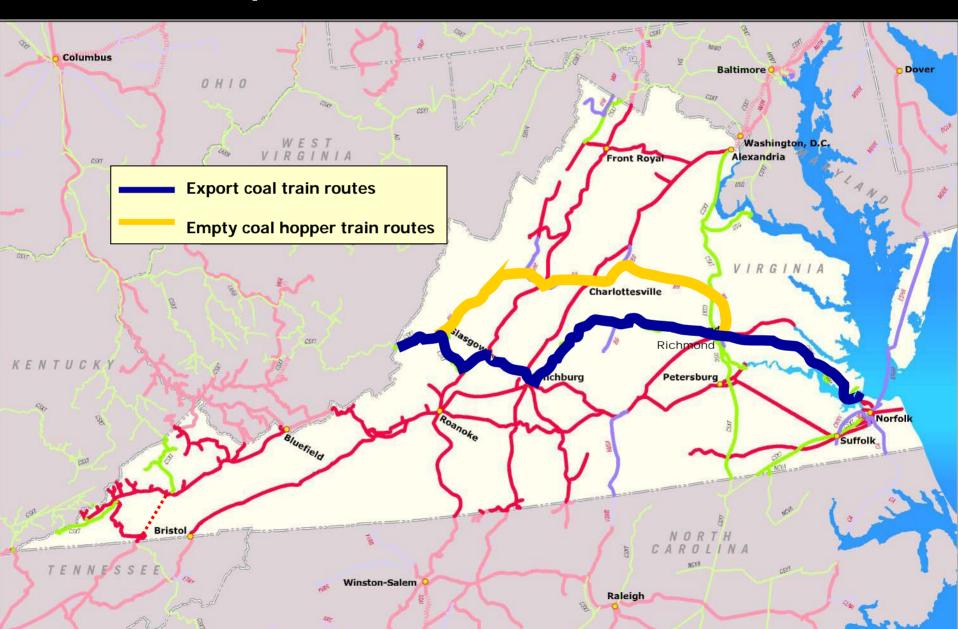
#### NS System Map



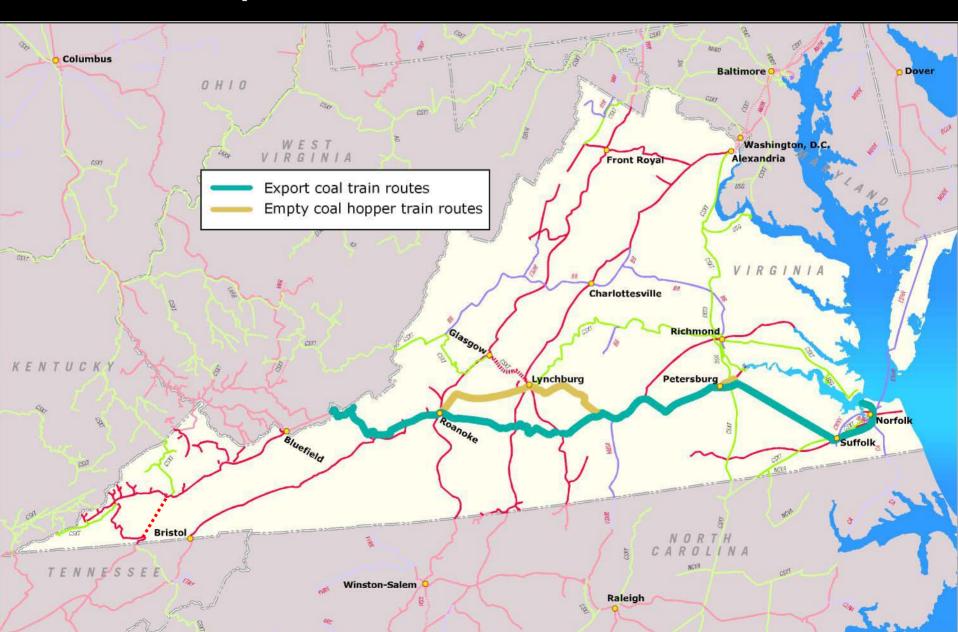
### CSX, NS and Virginia Shortlines



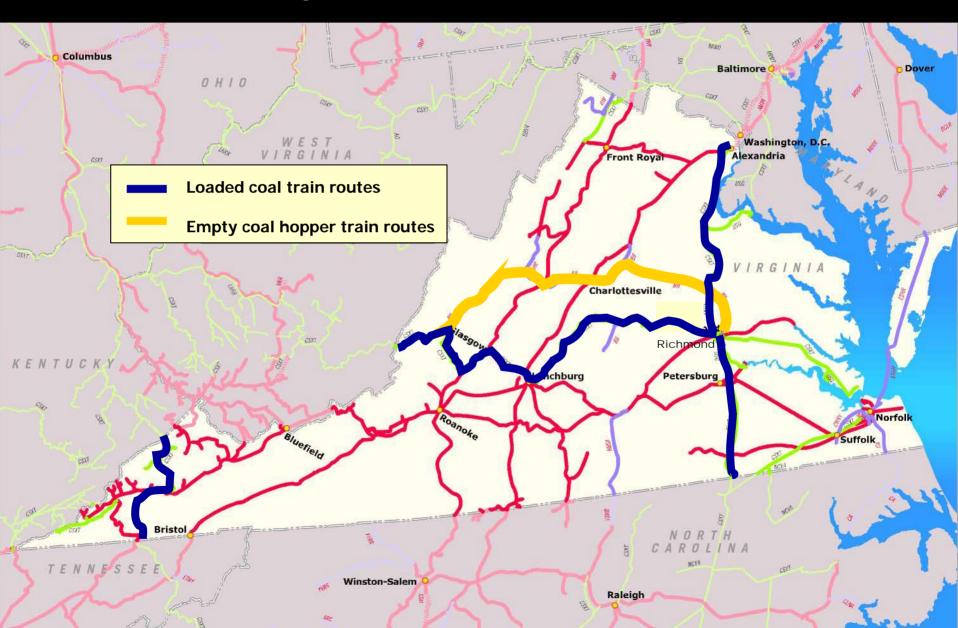
#### **CSX** Export Coal Route



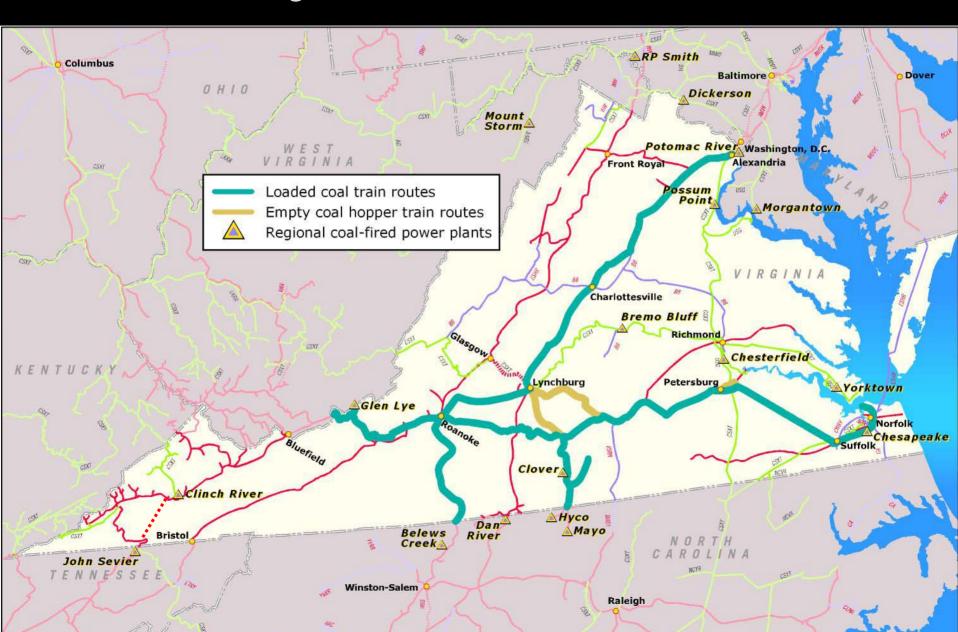
#### **NS Export Coal Route**



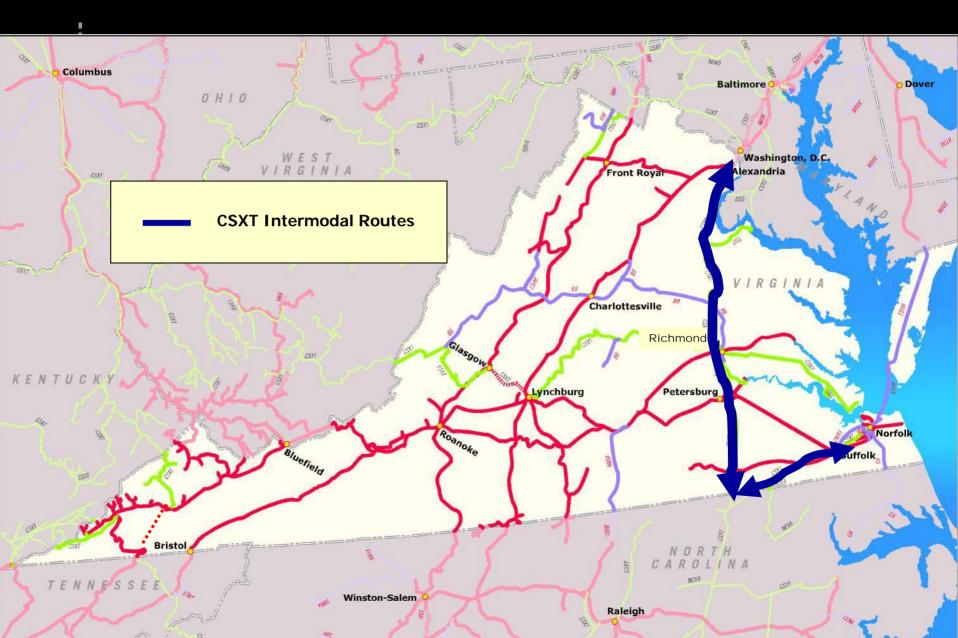
#### **CSX** Utility Coal Routes



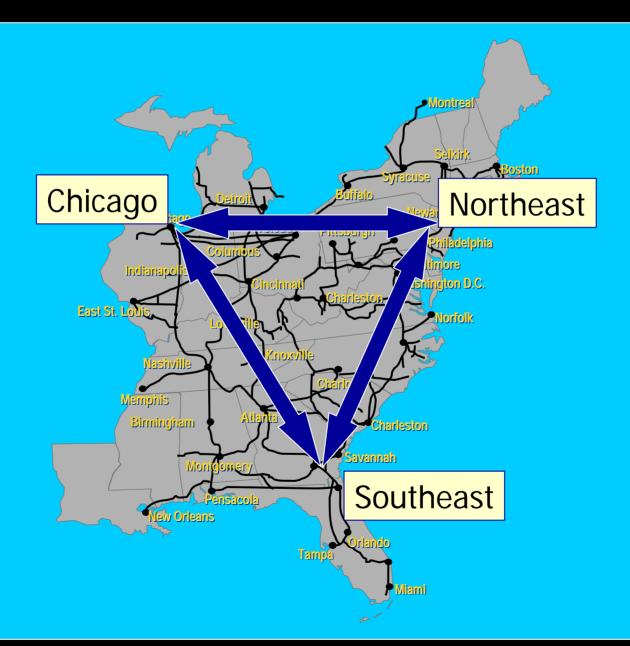
#### **NS Utility Coal Routes**



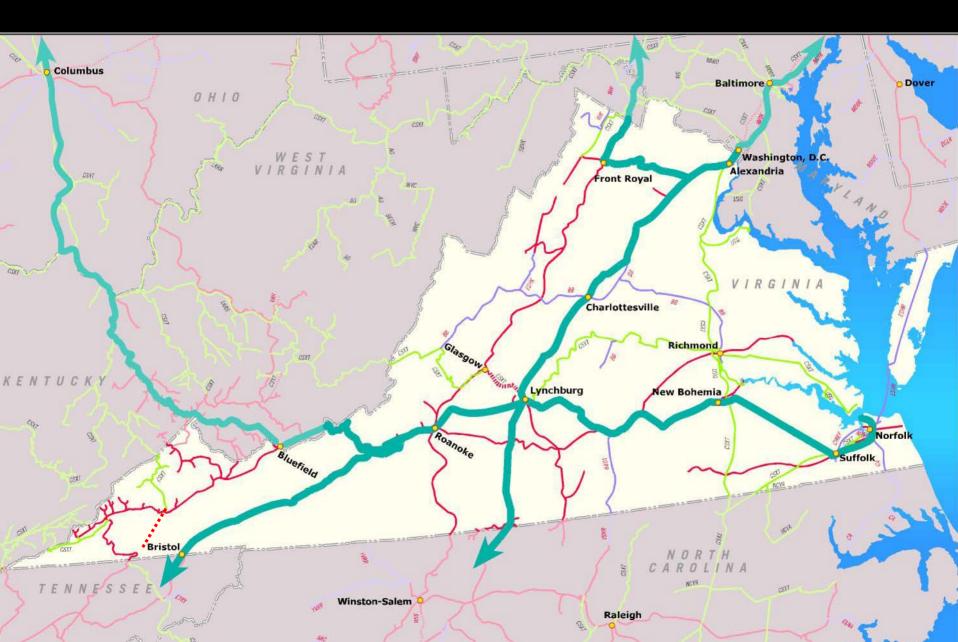
#### CSX Intermodal Routes



#### CSXT Intermodal Network



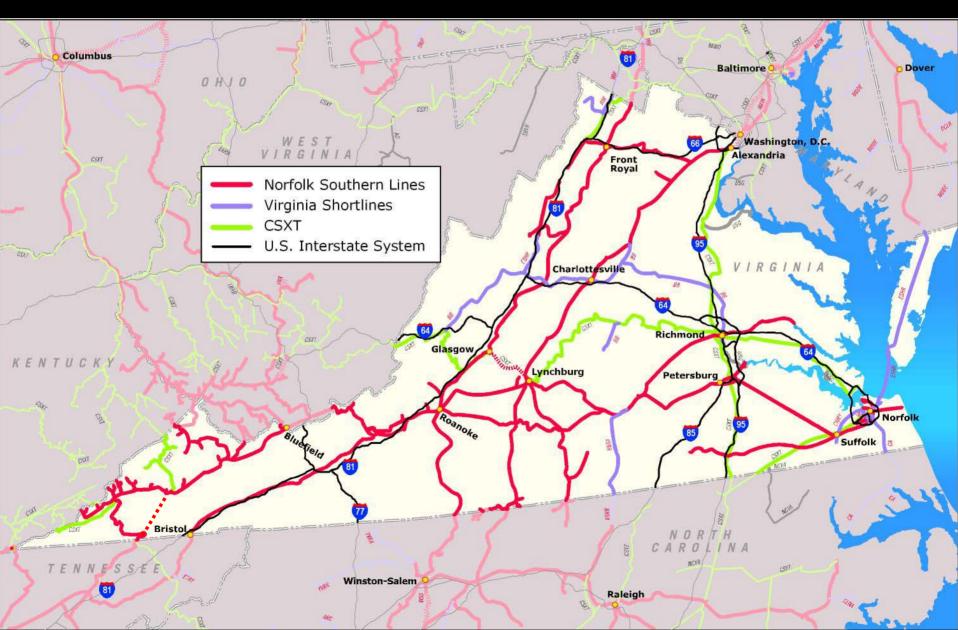
#### **NS Intermodal Routes**



#### NS Intermodal Network



#### Interstate Highway System



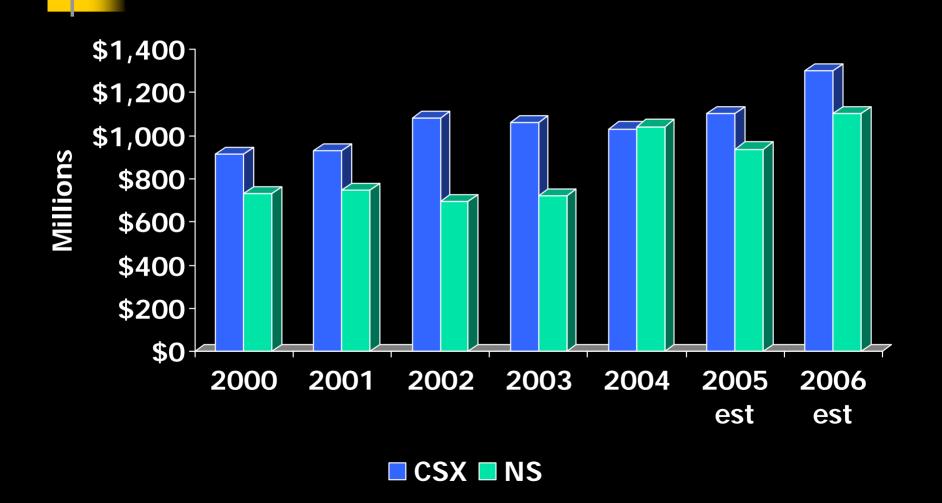


#### Importance of Rail Infrastructure

- Geographic—where we go
  - markets served
  - industries served
  - future potential
- Physical plant—how we go
  - costs
  - transit time
  - maintenance
  - reliability/loss and damage
- Extremely capital-intensive
- Mostly self-funded

Competitive Advantage

#### Capital Expenditures



## Opportunities

- Designated Rail Corridors
- MAROPS
- I-81
- Passenger/Commuter



#### MAROPS: Recommended Program

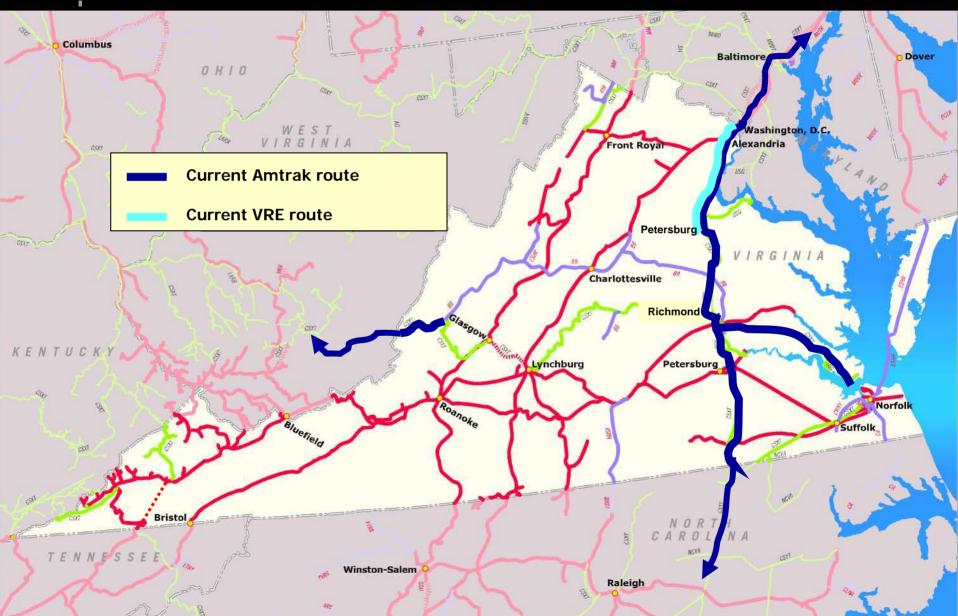
- 3 phases over 20 years to double rail freight and passenger capacity
- 71 infrastructure and information system projects
- \$6.2 billion total
- \$620 million "quick start" being progressed
- Multi-state development bank model

#### I-81 Rail Intermodal Corridor To north NJ and NY PA Bethlehem **Harrisburg** Trenton, NJ Philadelphia I-81 Rail Intermodal Corridor Riverton Manassas Manassas Harrisonburg Staunton . Charlott esville Roanoke Lynchburg To Atlanta NC Knoxville To Memphis To **Dallas** hattanooga March 2004

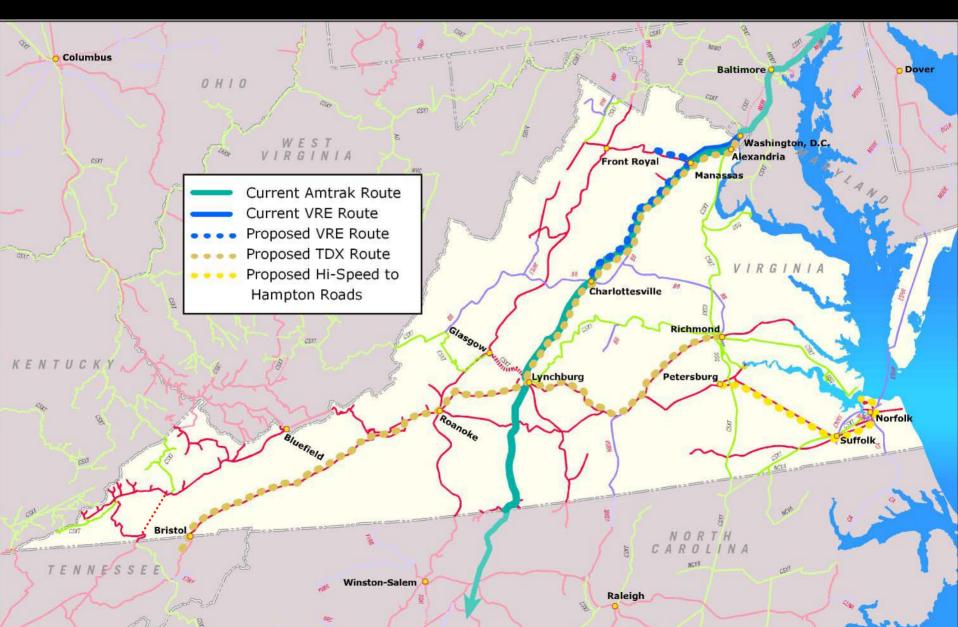
#### Reebie Study Virginia-Only Results

- \$500 million investment
- 500,000 trucks diverted over 5 7 years
- 1 of 10 trucks removed from I-81
- Creates diversions in multiple states
- Rail diversions capped w/o more investment
- Trucks climb back to 1 in 3 in 8 to 10 years

#### Passenger Operations on CSX



#### Passenger Operations on NS





#### Passenger Train Principles

- Passenger service often interferes with high quality, efficient freight service
- Passenger entities should:
  - bring dollars and capacity
  - not restrict present and <u>prospective</u>
    freight service in any way

#### **Questions?**

